

Patent
Serial No. 08/977,644
Attorney Ref. No. 469201-00109
Attorney Docket No. RE-70631

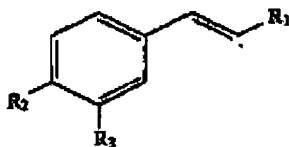
AMENDMENTS TO THE CLAIMS

This listing of the claims replaces all prior versions and listings of the claims in the subject application.

Listing of Claims:

Claim 1 (Currently amended): A method for [controlling an insect or an arachnid population,] killing a population of pests selected from the group consisting of termites, ants, mites, and fleas, said method comprising:

contacting said [insect or arachnid] population of pests with an effective pest growth modulation amount of [a] an aqueous formulation comprising 0.01 g/l to [25 g/l of one or more of compounds of having a formula



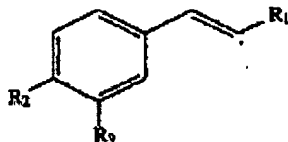
wherein R₁ represents -CHO, R₂ represents -OH, H or an organic substituent containing from 1 to 10 carbon atoms, and R₃ represents a methoxy group, H or an organic substituent containing from 1 to 10 carbon atoms;] 10 g/l of one or more of compounds selected from the group consisting or cinnamic aldehyde and coniferyl aldehyde, and wherein said formulation does not contain an antioxidant other than an antioxidant according to said [formula.] compounds.

Claims 2-3 (Cancelled).

Claim 4 (Previously presented): The method according to [claim 3,] Claim 1, wherein said aqueous formulation provides for about 70% or greater kill of said [insect or arachnid] pest population.

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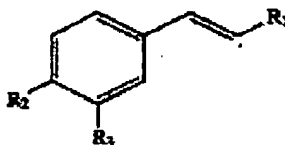
Claim 5 (Currently amended) The method according to [claim 1, wherein said formulation is free of antioxidants other than compounds of a formula



wherein R₁ represents -CHO, R₂ represents -OH, H or an organic substituent containing from 1 to 10 carbon atoms, and R₃ represents a methoxy group, H or an organic substituent containing from 1 to 10 carbon atoms.] Claim 1, wherein said aqueous formulation further comprises a salt of a polyprotic acid.

Claim 6 (Cancelled).

Claim 7 (Currently amended): A composition suitable for use as bait for [an insect or arachnid] the group of pests consisting of arachnids, flies, cockroaches, and termites comprising:
one or more compounds [having a formula



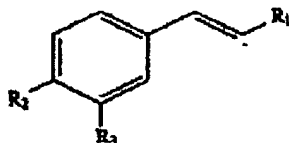
wherein R₁ represent -CHO, R₂ represents -OH, H or an organic substituent containing from 1 to 10 carbon atoms, and R₃ represents a methoxy group, H or an organic substituent containing from 1 to 10 carbon atoms, associated with a solid support.] selected from the group consisting of cinnamic aldehyde and coniferyl aldehyde, wherein said composition is linked to a solid support, and said composition is free of antioxidants other than said compounds.

Claim 8 -11 (Cancelled).

Claim 12 (Previously presented): [A] The composition according to Claim 7, wherein said solid support comprises cellulose.

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Claim 13 (Currently amended): [A] The composition according to claim 12, wherein said [one or more] compound [of the formula



wherein R₁ represents -CHO, R₂ represents -OH, H or an organic substituent containing from 1 to 10 carbon atoms, and R₃ represents a methoxy group, H or an organic substituent containing from 1 to 10 carbon atoms,] is [associated] reversibly linked with said cellulose.

Claim 14 (Previously presented): The composition according to Claim 12, wherein said composition is linked to said solid support via a cellulose binding domain.

Claim 15 (Cancelled).

Claim 16 (Previously presented): The composition according to Claim 7, wherein said solid support is enclosed in a housing having means of ingress and egress for said group of pests.

Claim 17 – 18 (Cancelled):

Claim 19 (Previously presented): The method according to Claim 4, wherein said aqueous formulation further comprises a soap or detergent suitable for use as a shampoo or soap for a mammal.

Claim 20 (Previously presented): The method according to Claim 4, wherein said aqueous formulation further comprises a powder or detergent suitable for use a carpet shampoo.

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Claim 21 (Previously presented): A composition suitable for use as bait for the group of pests consisting of flies, cockroaches, and termites comprising cinnamic aldehyde linked to a solid support.

Claim 22 (Previously presented): A method for killing a population of pests selected from the group consisting of termites, ants, mites, and fleas, said method comprising:

contacting said population of pests with an effective pest growth modulating amount of an aqueous formulation comprising 0.01 g/l to 10 g/l of one or more of compounds selected from the group consisting of cinnamic aldehyde and coniferyl aldehyde, and wherein said formulation is linked to a solid support and does not contain an antioxidant other than an antioxidant according to said compounds.

Claim 23 (Previously presented): A method for killing a population of pests selected from the group consisting of termites, ants, mites, and fleas, said method comprising:

applying a composition comprising one or more compounds selected from the group consisting of cinnamic aldehyde and coniferyl aldehyde in an area infested with said population of pests, wherein said composition is linked to a solid support and is free of antioxidants other than said compounds.

Claim 24 (Previously presented): A composition suitable for use as bait for the group of pests consisting of arachnids, flies, cockroaches, and termites comprising:

one or more compounds selected from the group consisting of cinnamic aldehyde and coniferyl aldehyde, wherein said composition is linked to a solid support, located adjacent to an area of infestation of said pests, and does not contain an antioxidant other than an antioxidant according to said compounds.